

GHWDIQHG #LQ VWUX FWIR Q V#R U#F R P SOHWIQ J #DSSOLF DWIR Q #SDFNDJH#

41# JHQ HUD O#LQ VWUX FWIR Q V#
#

#d, #L rup #V D 0<9 CEN #v#xv#g# | #bssdfdw#rujdq#dwlrq#htxlwlgj#l hghud#hwlwqf#
vxssru#xqghu#b#hndufk#bqg#ghp rqwudwlrq#judq#surjudp v#bq lqwhung# | #V D 1#Wkh#
dssdfdwlrq#rup #v#frp sulhg#r i#rxu#sduw-##SD UW#L00ID FH#VK HHW#VI #757, /#SD UW#L00
EX G J HW#Q IRUP DWIR Q /#SD UW#L00SUR J UD P #Q DUUD WIY H /#bqg#SD UW#Y 00
D V V X UD Q F H V 1#

Sndv#hdg#bqg#r#r#z #kh#qwxfwlrq#fduhix# | #r#dyl#g#gh# | v#bqg#p lxqghuwbqgljv#D q#
dssdfdwlrq#p d# | #h#frqvlghung#qfrp sndv#bqg#hwxug#li#v#idv#r#r#z #kh#qwxfwlrq#ru#li#
wh#p dwhulds#hvnqwhg#lv#qvxilf#hqw#r#shup lwq#dghtxdw#hy#hz 1#
#

#00W | sh#kh#bssdfdwlrq#xvlqj#waggdug#; # %#[#44%, #v#l#h#sdshu#bqg#15#srlqg#irqw#
#00W | sh#qg#rgh#vlg#r#g# 1#
#00#Uhsurgxfhg#frs#lv#k#rxg#eh#v#lqj#dngvlgng#1#
#00#G r#trv#e#lg#ru#wdsch#kh#bssdfdwlrq#v#hfxu#k#p #z lk#xeehu#edggv#ru#sdshu#f#sv#
#00#li#frqwlqxdwlrq#sdj#h#h#htxlung/#sndv#kh#waggdug#v#l#h#; # %#[#44%, #z klw#erqg#sdshu#
#

D a#bssdfdw#p xw#xep lwq#ru#lj#qdd#v#j#qng#bqg#gdwng#bssdfdwlrq/#s#v#d#h#dw#5#frs#lv#
Vhyhg#bqg#wlrqdd#frs#lv#h#r#swlrqdd#exw#z k#h#{shg#lv#surfhwlgj 1##
#

#e, #R q#b#bssdfdwlrq#ghyharshg#r#lq# | #e | #p ru#k#dq#rgh#bj#hgf | #ru#rujdq#dwlrq/#kh#
dssdfdwlrq#p xw#hghw#li | #rq# | #rgh#rujdq#dwlrq#b#kh#hdg#rujdq#dwlrq#bqg#kh#riilf#dd#
dssdfdw#Wkh#v#hu#rujdq#dwlrq#f#dq#eh#q#foxghg#lv#fr#0#dwlf#sdq#/#xejudqwhv#ru#
vxefrqwdfwru#1#

#f, #Sumnfw#G xudwlrq#bqg#hwl#p dwng#Sumnfw#Exgjhw-##
#

#4, #li#kh#sumnfw#p#xudwlrq#lv#r#eh#1 : #p rqwkv#ru#h#w/#kh#bssdfdwlrq#exgjhw#hfwlrq#
vkrxg#q#foxghg#d#exgjhw#ru#kh#wvds#shulrg#r i#kh#sumnfw#q#w#r#h#{fhg#1 : #p rqwkv, 1#Wkxv/#
Exgjhw#hfwlrq#D /#E /#F #bqg#G #k#rxg#eh#frp sdwng#ru#kh#wvds#sumnfw#shulrg#1#Exgjhw#
Vhfwlrq#H#r i#kh#bssdfdwlrq#rup #k#rxg#eh#frp lwng#1#

#5, #li#kh#sumnfw#p#xudwlrq#lv#r#eh#j#undw#k#dq#1 : #p rqwkv/#kh#bssdfdwlrq#exgjhw#
hfwlrq#k#rxg#h#idfw#d#exgjhw#ru#kh#sumnfw#q#l#wdd#150p rqwkv#exgjhw#shulrg#r#g# 1#Exgjhw#
Vhfwlrq#D /#E /#F #bqg#G #r i#kh#bssdfdwlrq#k#rxg#eh#frp sdwng#r#k#rz #kh#exgjhw#ru#kh#ilw#
| hdu#Exgjhw#hfwlrq#H#k#rxg#eh#frp sdwng#r#h#idfw#kh#eddgf#r i#kh#l hghud#ixggv#htxlung#
ru#kh#h#p d#qghu#r i#kh#sumnfw#shulrg#1#li#kh#bssdfdwlrq#v#bssuryhg/#ixqgv#z k#h#bz dughg#
ru#kh#q#l#wdd#150p rqwkv#exgjhw#shulrg#1#I xqglqj#z k#h#xevhtxhqv# | #h#surylgng#q#k#s#r#150
p rqwkv#q#fu#p hqw#ru#kh#eddgf#r i#kh#sumnfw#ghshqghq#k#srq#dwidfwru# | #shuirp dqf#h#q#
dfk#hy#lqj#kh#renf#w#y#r i#kh#sumnfw#q#kh#q#l#wdd#2#xevhtxhqv#exgjhw#shulrg-v, /#frqwlq#h#
undydqf#r i#kh#sumnfw#f#w#y#l# | #r#V D /#bqg#kh#byd#de#l#w# | #r i#l#f#d# | hdu#ixqgv#1#

51# SD UW#L00ID FH#VK HHW#VI 0757,

Wkh#I D F H #/K H H W #/V I 0757, #l v #l p x o l s x u s r v h #w d g g d u g #i r u p 1 #l i #d q #l w p #r q #k h #/V I 0757 #f d q q r w #
e h #d q v z h u h g #r u #g r h v #g r w #d s s h d u #r #e h #h o d n g #r u #h d n y d q w #r #k h #d v l w d q f h #h t x h w n g #/z u l h #
%Q D % #i r u #Q r w #D s s d f d e d n l % #

l w p #1 #I r u #k h #x u s r v h #r i #k l v #d q q r x q f h p h q w #d, #d o #s u r s r v d o #d u h #f r q v l g h u h g #
%D s s d f d w l r q v % #w k h u h #d u h #g r #S u h D s s d f d w l r q v, > #d q g #e, #d o #s u r s r v d o #d u h #f r q v l g h u h g #
%q r q 0 f r q w x f w l r q % #s u m i n f w #V V D #s u r j u d p v #g r #g r w #k d y h #f r q w x f w l r q #d x w k r u l #, 1 #
l w p v #5100 #71 #/h a i h { s o d q d w r u | #
l w p #81 #l q #k h #d g g u h w #e a r f n #/z k h u h #d s s d f d e d n #e h #x u h #r #l q f o x g h #k h #q d p h #r i #k h #
f r x q w | #D o v #/k h #h j d q q d p h #r i #k h #d s s d f d q w #r u j d q l #d w l r q #p x w #l j u h h #z l k #k h #q d p h #d w n g #d v #
f r u h v s r g g l g j #r #k h #I p s a r | h u #l g h q w i l f d w l r q #Q x p e h u l #
l w p #91 #/h a i h { s o d q d w r u | #
l w p #1 #S d d v h #l w p h p e h u #k d w #d q g l y l g x d d #d u h #g r w #h d j l e d n #r #d s s o #k q g h u #k h #h { l w l q j #
V V D #j u d q w #s u r j u d p v l, #l i #k h #d s s d f d q w #l v #l g r q 0 s u r i l w #r u j d q l #d w l r q #/h q w h u #Q % #l q #k h #e r { #d q g #
v s h f l i | #q r q 0 s u r i l w #l q #k h #v s d f h #p d u n h g #R w k h u l % #D #g r q 0 s u r i l w #r u j d q l #d w l r q #p x w #x e p l w s u r r i #
r i #l w #g r q 0 s u r i l w #d o w x v #l q #l w #d s s d f d w l r q #d w l p h #r i #x e p l w l r q l #W k l v #f d q #e h #d f f r p s o k h g #e | #
s u r y l g l q j #d #f r s | #r i #k h #d s s d f d q w #d w l q j #l q #k h #I U V * #p r w #h f h q w #d w r i #d { h { h p s w #
r u j d q l #d w l r q #g h v f u l e h g #l q #/h f w l r q #834 +f, +6, #r i #k h #I U V #f r g h #r u e | #s u r y l g l q j #d #f r s | #r i #k h #
f x u h q w | #y d d g #I U V #d { h { h p s w l r q #h u w i l f d w h #r u e | #s u r y l g l q j #d #f r s | #r i #k h #d w l f d w h #r i #
l g f r u s r u d w l r q #e h d u l g j #k h #h d d r i #k h #v d w h #l q #z k l f k #k h #r u j d q l #d w l r q #l v #g r p l f l d n g l #
l w p #, 1 #I r u #k h #x u s r v h #r i #k l v #d q q r x q f h p h q w #d o #d s s d f d w l r q v #d u h #Q h z % l #
l w p #1 #H q w h u #V r f l d d #/h f x u l w | #D g p l q l w d w l r q % #r u #V V D l % #
l w p #31 #V V D * #F d w a r j #r i #I h g h u d d #G r p h w l f #D w l w d q f h #x p e h u #l v #% < 9133 < % #d q g #k h #
w l w h #l v #% #V r f l d d #/h f x u l w | #V d w h #J u d q w #I r u #Z r u n #l q f h q w l y h v #D w l w d q f h #W r #G l v d e d g #
E h g h i l f d u l h v l % #
l w p #41 #l q #k l v #v s d f h = #d, #/h d h f w #d w l w h #k d w #l v #e r w k #k r u w #d q g #g h v f u l s w l y h #e, #h q w h u #k h #
S u r j u d p #D q q r x q f h p h q w #Q x p e h u #d q g #f, #z k h g #d s s d f d e d n #/l i #k h #s u r j u d p #d q q r x q f h p h q w #d w w #
w z r #r u #p r u h #s u l r u l w | #d u h d #x q g h u #z k l f k #r #i l d n #/h q w h u #k h #s u m i n f w #s u l r u l w | #d u h d #x q g h u #z k l f k #k h #
d s s d f d w l r q #l v #x e p l w n g l #
l w p #51 #/h a i h { s o d q d w r u | #
l w p #61 #W k h #w d w #g d w h #d q g #h g g #g d w h #k r x o g #e h #d j u h d e d n #z l k #k h #s u m i n f w #s h u l r g #r #e h #
i x q g h g #l h l #/l i #k h #s u m i n f w #l v #r #e h #i x q g h g #i r u #d #w z r #| h d u #s h u l r g #/k h #w d w #g d w h #d q g #h g g #g d w h #
p x w #v s d q #d #w z r #| h d u #s h u l r g l #
l w p #7100481 #/h a i h { s o d q d w r u | #
l w p #91 #/h a i h { s o d q d w r u | #
l w p #1 #/h a i h { s o d q d w r u | #d s s d f d q w #p h d q v #k h #d s s d f d q w #r u j d q l #d w l r q, #
l w p #1 #; 1 #W r #e h #y d d g #d q g #d f f h s w d e d #i r u #h y l h z #/d q #d s s d f d w l r q #p x w #e h #s u r s h u o | #
h { h f x w h g #e | #d q #d q g l y l g x d d #d x w k r u l #h g #r #d f w #i r u #k h #d s s d f d q w #r u j d q l #d w l r q #d q g #r #d v x p h #k h #
r e d j d w l r q w #p s r v h g #e | #k h #h t x l u p h q w #d q g #f r g g l w l r q v #i r u #d q | #j u d q w #d z d u g #l q f o x g l g j #k h #
d s s d f d e d n #I h g h u d d #h j x o d w l r q v #l i #k h #d x w k r u l #h g #r i i l f l d d #l v #g r w #l y d l o d e d n #/d q #d q g l y l g x d d #
d x w k r u l #h g #r #d f w #r q #k l v 2 k h u #e h k d a #p d | #v j q #d v #% d f w l g j #i r u #k h #g h v l j q d w n g #r i i l f l d d #

61# S D U W #I O O E X G J H W #Q I R U P D W I R Q #

V h f w l r q v #D #/E #/F #d q g #G #k r x o g #l q f o x g h #e x g j h w #l w p d w h #i r u #k h #z k r d n #s u m i n f w h { f h s w #z k h g #k h #
s u m i n f w #g x u d w l r q #l v #r #e h #j u h d w h u #k d q #1 : #p r q w k v l #l q #k h #d w h u #f d w h #/h f w l r q v #D #/E #/F #d q g #G #

vkxog#surylgh#kh#exgjhw#iru#kh#iluw#exgjhw#shulrg#xvxdol#d#|hdu,#dgg#Vhfwrq#H#kxog#
suhvq#kh#qhg#iru#I hghud#dwlwqf#lq#kh#xvhtxhqw#exgjhw#shulrg#v,1#d o#ssdfdwlrqv#
vkxog#Erqwlq#d#euhngrz q#e | #kh#renf#fclw#fdwj rullw#krz q#lq#D lghw#lon#r#i#Vhfwrq#E 1#

lq#erp sdwlqj#kh#h#hfwrqv#kh#I hghud#I xqgv#exgjhw#hgwulw#z lo#hndw#r#kh#htxhwng#
VVD #glvfwlrqdu| #xqgv#rqd /#dgg#Q rqOI hghud#z lo#lqfoxgh#xqgv#iurp #d#r#khu#rxufw#
-hlj1/#ssdfdwq#wah/#rfdc/dgg#r#khu,1#I hghud#ixqgv#r#khu#kdq#htxhwng#VVD #glvfwlrqdu| #
ixqglqj #kxog#eh#lqfoxgh#lq#Q rqOI hghud#hgwulw1#

+d,#VHF WIR Q #D OEX G J HW#X P P D U \ #

Wkh#exgjhw#iru#kh#lfwlyw| #p xw#lqfoxgh#xqgv#htxhwng#iurp #VVD 1#

X v#dgh#A#rqd 1#Dhdyh#dghw#5#kurxjk#8#eoln1#

F roxp qv#d#dgg#e#00#lq#frop q#d/#hgwulw#%VVD %1##lq#frop q#e/#hgwulw#<9133<%1#
F roxp qv#F#dgg#g#00#Dhdyh#eoln1#
F roxp qv#h/#dgg#j#00#Iqwu#lq#frop q#h#kh#p rxqw#r#I hghud#ixqgv#qhggh#r#xssrw#
kh#sunf#iru#kh#luw#ixqglqj #shulrg#xvxdol#45#p rqkv,1#Iqwu#lq#frop q#h#kh#p rxqw#r#i#
kh#fwr#r#i#kh#sunf#w#r#eh#eruqh#e | #Q rqOI hghud#ixqgv1#Iqwu#lq#frop q#j#kh#wvdc#r#i#
frop qv#h#dgg#1##Wkh#p rxqw#krz q#lq#frop q#j#kxog#dj unh#z lk#kh#p rxqw#krz q#lq#fwp #
&481j1#r#i#kh#d#f#kh#w#sdw#L,/#h{ foxvlyh#r#i#Surjudp #lq#frip h#

+e,#VHF WIR Q #E OEX G J HW#F D WHJ R UIHV#

Vhfwrq#E #Erqwlq#hgwulw#iru#I hghud#VVD ,#xqgv#rqd 1#

• X v#frop q#r#q#rqd 1#Dhdyh#frop qv#5#kurxjk#8#eoln1#
• R q#dghw#p#kurxjk#9k#krz #kh#nwlp dwng#I hghud#fwrw#iru#ndfk#renf#fclw#fdwj ru| 1#
Hgwulw#fwrw#iru#kh#lqldd#34#| hdu,#exgjhw#shulrg1#
• Surylgh#d#qduwlyh#exgjhw#xwlfldwlrq#xqghu#VHF WIR Q #I ,#kdw#ghvfulhv#krz #kh#
fdwj rulfdd#fwrw#lun#ghulyhg1#G hwdlq#fddxowlrqv#p xw#lqfoxgh#nwlp dwlrq#p h#krqv#/
txdqwlwlv/#xqlw#fwrw/#dgg#r#khu#lp lo#txdqwawlyh#ghwld#xiilf#hgw#iru#kh#fddxowlrq#w#r#eh#
gxssdfdwng1#

O lgh#p#dShuvrqgh#00#Iqwu#kh#wvdc#fwrw#r#i#dclwlv#dgg#z djhv#r#i#ssdfdw2jdwqwh#
wdli#rqd 1#D #euhngrz q#r#i#kh#p rxqw#dgg#shufhqv#dj#h#r#i#lp h#kdw#frip subw#kh#dclw| #p xw#
eh#surylgh#lq#kh#exgjhw#VHF WIR Q #J OSHUVR Q Q HO 1#lq#frip sxwlqj #nwlp dwng#dclw| #fkdjlv#/
dq#lqglylxddv#edw#dclw| #hsuhvq#w#kh#wvdc#xwkrul#hg#dqqxd#frip shqvdlwlrq#kdw#d#ssdfdw#
rujdqj#dwlrq#z rxog#eh#shsdng#w#sd| #iru#d#shfllng#z run#shulrg1#Wkh#edw#dclw| #h{ foxghw#
lq#frip h#kdw#d#lqglylxdd#p d| #eh#shup lwng#w#r#nduq#xwlg#h#r#i#xowlp h#pxwlw#w#kh#ssdfdw#
rujdqj#dwlrq1#G r#qrw#lqfoxgh#fwrw#r#i#frrqvxdq#w#r#shuvrqgh#fwrw#r#i#ghndj dw2xejudqwh#
rujdqj#dwlrqv#frrqvxdq#w#fwrw#kxog#eh#lqfoxgh#lq#D lgh#9k#R wku,1#
O lgh#p#eOlqj#h#Ehghilw#00#lqj#h#ehghilw#p d| #eh#htxhwng#d#d#glwlfw#fwrw#w#kh#
h{wq#w#kdw#kh| #lun#wndwng#frrqvlnwqo#e | #kh#ssdfdw#rujdqj#dwlrq#d#d#glwlfw#fwrw#w#d#
vsrqvrw1#D v#d#dohugawlyh/#ulqj#h#ehghilw#p d| #eh#lqfoxgh#lq#kh#fddxowlrq#r#i#kh#ssdfdw#
rujdqj#dwlrq#v#lqglwlfw#fwrw1#Li#d#ulqj#h#ehghilw#d#w#kdw#ehhg#ghj rwdwng#z lk#d#I hghud#dj hqf | /#
lqglfdw#kh#dj hqf | #dgg#kh#ssdfdedw#w#xqghu#VHF WIR Q #I 1#R wku#z ln#surylgh#d#euhngrz q#

ri#hnp v/hp rxqw/#dgg#shufhgvdjhv#kd#frp suhv#hulgjh#ehghilw#frwwl##
O lqh#9f0Wudyh#00#Hqhu#kvh#rwd#hwp dwhg#frww#ri#d#hudyh#e | #p sc | hnv#ri#kh#suminfw#
G r#grw#lqfoxgh#frww#ru#frqxodqvw#udyh#X qghu#HFWIR Q #l #ghvfuleh#dgg#xwli | #kh#
untxhwng#udyh#frww/#lqfoxglj #kh#sxusrvh/#udyhduv,/#p xp eh#ri#hulsv#qyryhg/#
ghwqdwlrq/#p xudwlrq#ri#hulsv/#dgg#suminfwng#frww#shu#hulsv#lhl/#hfd#dwqvsruwlrq/#p lhdjh#
dorz dqfhw/#shu#jlp /#l#l#udyh#/#xevlwhghf#dorz dqfhw/#wfl,1#
O lqh#9Ghtxslp hqw#00#Hqhu#kvh#rwd#hwp dwhg#frww#ri#d#htxslp hqw#r#eh#Ekdujhg#r#
wh#suminfw#Htxslp hqw#p hq#v#dqj led#grq#h{ shggded#shuwrqdsurshu# #dy#lqj #d#xhixd#lhl#
ri#p ruh#kdq#rgh# | hdu#dgg#dq#iftxlvwlrq#frww#ri# 8/333#ru#p ruh#shu#xqlw#K rz hyhu/#frqvlwngw#
z lk#bssdfdgw#judqwh#srd# | /#rz hu#p lw#p d | #eh#hwded#khg#K qghu#HFWIR Q #l /#lw#dgg#
ix# | #h{ s#lq#kh#ghhg#ru#hdfk#hnp #ri#htxslp hqw#kh#frww#shu#xqlw/#p xp eh#ri#xqlw/#dgg#rwd#
hwp dwhg#frwwl##
O lqh#9h0xssdhw#00#Hqhu#kvh#rwd#hwp dwhg#frww#ri#d#dqj led#shuwrqdsurshu# #
-xssdhw, #rwhu#kdq#kd#lqfoxghg#rgh#dqh#9g#K qghu#HFWIR Q #l /#lw#vshfli | #h#ghud#
fdhjruhv#ri#xssdhw#dgg#h{ s#lq#kh#ghhg#ru#kh#hnp v#dgg#khlu#frwwl#7krz #frp sxwlrq#
dgg#rwhu#qirup dwlrq#kd#xssruw#kh#p rxqw#untxhwng#l#

Q rwh#li#frp sxw#htxslp hqw#dgg#2ru#r#wz duh#lv#lqfoxghg#lq#kh#exgjhw#ix# | #ghvfuleh#dgg#
xwli | #kh#ghhg#ru#hdfk#hnp 1#

O lqh#9i0F rqwdfwkd#00#Hqhu#kvh#rwd#hwp dwhg#frww#ri#d#frqwdfw/#lqfoxglj #4, #
surfxuhp hqw#frqwdfw#h{ fhs#kkrvh#z klfk#ehorgj#rgh#rwhu#dqhv#xfk#dv#htxslp hqw#xssdhw/#
wfl, #dgg#5, #frqwdfw#z lk#hfrggdu | #hfls lhw#rujdq#dwlrq#lqfoxglj #ghdj dwh#rujdq#dwlrq#
dgg#vshfli#f#suminfw, #ru#exvlghv#r#eh#lqdgfhg#e | #kh#bssdfdgw#K qghu#HFWIR Q #l /#
lghqwi | #kh#sxusrvh#dgg#frww#dwrfldwhg#D or#lqfoxgh#dq | #frqwdfw#z lk#rujdq#dwlrq#ru#kh#
surylvrg#ri#hfkqlfdd#dv#dwqfhl#G r#grw#lqfoxgh#s#d | p hqw#r#lqglylxdd#huylfh#frqwdfwru#rgh#
wlv#dqh#li#dylded#dv#kh#p h#ri#bssdfdwlrq#dwdfk#dv#r#i#frqwdfwru#lqglfdwqj#kh#jdp h#
ri#kh#rujdq#dwlrq/#kh#sxusrvh#ri#kh#frqwdfw#dgg#kh#hwp dwhg#grodu#p rxqw#ri#kh#bz dug#l#

Q rwh#Z khghyhu#kh#bssdfdgw#judqwh#lqhggv#r#ghdj dwh#sdu#ri#kh#suminfw#r#dq#rwhu#
rujdq#dwlrq/#kh#bssdfdgw#judqwh#p xw#surylgh#lqghwldng#exgjhw#dgg#exgjhw#duudwyh#ru#
hdfk#ghdj dwh#rujdq#dwlrq#lq#kh#rwd#frww#ri#d#xfk#rujdq#dwlrq#z l#eh#sdu#ri#kh#p rxqw#
vkrz q#rgh#0 lqh#9i#

D #bssdfdgw#h{ fhs#v#vwh#j ryhu#p hqw, #p xw#lghqwi | #dgg#xwli | #dq | #dwflsdwhg#surfxuhp hqw#
wkd#lv#h{ shfwng#r#h{ fhg#kh#p sdi#lgh#iftxlvwlrq#kuh#krq#fxuhgw | #h#w# 433/333, #dgg#r#
eh#dz dwhg#z lkrxw#frp shwlrq#l#hfls lhw#p d | #eh#htxhwng#r#p dnh#dylded#r#VD #
suhdz dug#h#lhz #dgg#surfxuhp hqw#grfxp hqw/#xfk#dv#htxhw#ru#sursrdo#ru#lqylwlrq#ru#
elgv#lqghshghghw#frww#hwp dwhg/#wfl#xqghu#kh#frqglwlrq#lghqwi#lgh#w#VD #hjxwlrq#53#
F IU#Sduw#768177#dgg#2ru#Sduw#76: 1691#

O lqh#9j0F rqwxfwlrq#00#VD #surjudp v#gr#grw#dyh#frqwxfwlrq#dxwkrulw#exw#p d | #
vxssruw#p lwhg#b#hduwlrq#dgg#hgrydwrq#frww#l#p rxqw#lqfoxghg#xqghu#wlv#fdhjru#p xw#eh#
ix# | #h{ s#lqghg#kqghu#HFWIR Q #l 1#
O lqh#9k0R wkuh#00#Hqhu#kvh#rwd#ri#d#rwhu#glhfw#frww#grw#fdndu#fryhuhg#e | #dqh#d#
wkurxjk#j 1#xfk#frww/#z kh#bssdfded#p d | #lqfoxgh#exw#duh#grw#p lwhg#r#lqvxuqf#h#h#v#dgg#
wudyh#sdlg#glhfw#r#lqglylxdd#frqxodqvw/#sdfh#dgg#htxslp hqw#hgw#v#sulgwlqj #dgg#
sxedfwlrq#frp sxw#kh#dgg#wdlqj#frww#l#F rww#lghqwi#lgh#lv#p lv#h#qhrxv#dgg#

[illegible]

0lqh#48#00Hqwhu#kh#rvd#ri#0lqh#46#bqg#471#

#

+h,#HFWIRQ#H00EXGJHW#IVWIPDWHV#RI#HGHUDO#EXQGV#QHHG#HG#RU#
EDODQFH#RI#WKH#SURMHFW#

#

Wkl#hfwlrq#krxg#rqo#eh#frp sdwhg#z khq#kh#sursrvhg#sumfw#gxudwlrq#z lo#eh#jundhu#kdq#
4:#p rqqkv1#

#

Xvh#bqh#49#rqo#1#Dhdyh#bqh#4:#kurxjk#53#eodqnl#

Froxp q#b#00Hqwhu#VVD%1#

Froxp q#e#kurxjk#b#00Hqwhu#kh#b# rxqvw,#ri#hghudd#ixqgv#z klfk#z lo#eh#ghhghg#r#
frp sdwh#kh#sumfw#ryhu#kh#xffhnglqj#ixqglqj#shulrgv#lq#hdw,1#ru#h{dp sdh/#i#kh#rvd#
ixqglqj#shulrg#iru#kh#sumfw#lv#kuh#hdw/#khq#frop q#e#bqg#f#z rxg#eh#frp sdwhg#r#krz#
wk#hghudd#ixqglqj#hntxlnp hqw#iru#kh#hfrqg#bqg#klug#hdw#ri#kh#sumfw#frop q#e#bqg#
z rxg#rweh#frp sdwhg,1#Q rwh#Q r#sumfw#kdq#eh#ixqghg#eh#rqg#kh#p d{lp xp#qxp eh#ri#
hdw#dorz hg#shu#kh#judqv#surjudp#bqqrxfhp hqw#

#

+i,#HFWIRQ#H00RWKHU#EXGJHW#QIRUPDWIRQ#

#

0lqh#5400Xvh#kl#v#sdh#bqg#frqwxudwlrq#khlw#lv#qjfhvdu|#r#ixoo#h{sollq#bqg#xwli|#
wk#p dnu#wp v#lqfoxgh#lq#kh#exgjhw#fdwhj rullw#krz q#lq#hfwlrq#E/#frop q#1#lq#kh#
lqirup dwlrq#surylghg#krxg#lqfoxgh#xiilf#lqghw#ghvdlw#idflvdlw#bghwup lqdwlrq#lv#r#
dorz delw/#hndydqf#r#kh#sumfw#bqg#frw2ehghilw#

0lqh#5500Hqwhu#kh#w#sh#ri#hghudd#jhqf|#dssuryhg#lqgluhfw#frw#dwh#surylv#rqdy#
sughwup lqg/#ilqdd#ru#il{hg,#kdw#z lo#eh#lq#hihfw#gxulqj#kh#ixqglqj#shulrg/#kh#hwlp dwng#
dp rxq#r#kh#edh#r#z klfk#kh#dwh#lv#dssdng#bqg#kh#rvd#lqgluhfw#h{shqvl#D ovr/#hqw#kh#
gdw#kh#dwh#z dv#dssuryhg/#z khuh#dssdfedh#D wdfk#d#ers|#ri#kh#dwh#bjuhnp hqw#li#lv#z dv#
qhjrwdwng#z lw#b#hghudd#jhqf|#rkuh#kdq#VVD1#

0lqh#5600Surylgh#bq|#rkuh#h{sollqdwlrq#bqg#frqwxudwlrq#khlw#hntxling#ru#ghnp hg#
qhfhvdu|#r#xwli|#ru#h{sollq#kh#exgjhw#lqirup dwlrq1#

#

+j,#HFWIRQ#H00SHUVRQQHO#

#

Dqh#h{dp sdh#iru#frp sdwhg#ri#kl#hfwlrq#lv#lqfoxgh#z q#kh#edfn#ri#kh#irup 1#

#

41#Shvrqqh#

#

0lw#bq#shvrqqh#fkdujhded#lv#bqgluhfw#frw#r#kh#sumfw#e|#lv#h/#dolu#bqg#shufhqw#jh#ri#
hiiruw#lqfoxgh#qdp hv#iru#h|#srvlwlrq#rqo#1#wkh#b#rxqw#krz q#iru#Wrvd#dolu#bqg#z djhv#%#
vkrxg#bjuh#z lw#kh#b#rxqw#krz q#lq#hfwlrq#E/#frop q#1#bqh#DdShvrqqh#Q rwh#Li#bq|#
srwlrq#ri#kh#shvrqqh#frw#lv#r#eh#fkdujh#lv#lqqrOI hghudd#frw#lv#kh#lqqrOI hghudd#
shvrqqh#frw#h#sdudh#urp #kh#frw#r#eh#fkdujh#r#hghudd#VVD ,#ixqgv1,#

#

Hqwh#lq#frop q#1#kh#bqgxd#45#p rqqkv,#dolu#dwh#iru#hdfk#srvlwlrq#z klfk#z lo#eh#lqng#iru#
doh#ru#bq|#sdw#ri#kh#hdw#e|#lq#lqfxp ehq#z runlqj#rq#kh#sumfw#Wkl#dwh#p d|#rweh#p ru#h#
wkdg#kd#sdg#e|#kh#judqwh#r#rkuh#p sar|hvw#lq#frp sdudh#srvlwlrq#ru#li#kh#judqwh#kd#
qr#frp sdudh#srvlwlrq#kh#dwh#p d|#rweh#p ru#h#wkdg#kd#sdg#iru#zfk#huylfhv#hainz khuh#
lq#kh#frp p xqlw1#

Hqwu#q#frop q#5#kh#xp eh#ri#p rqw#kh#rvlwrq#z l@eh#l@ng#e|#d#q#f#p ehq#z runlgj#
rq#kh#sumhfw#

Hqwu#q#frop q#6#kh#shufqwr#i#p h#ru#iiruw#kh#q#f#p ehq#z l@ghyrw#r#kh#sumhfw#pxulqj#
wk#xp eh#ri#p rqw#kh#krz q#q#frop q#51#

Hqwu#q#frop q#7#kh#wvdd#p rxqw#htxlung#d#f#p sxwg#iurp #kh#q#irup d@rq#kh#krz q#q#
frop qv#1#k#urxjk#61#k v#kh#i#roz lgj#rup x@d#

#####Q r1#ri#P rqw#kh#f#rd#5,#
D qpxdd#Vd@u|#F rd#1,###[# # #####a5#####[#

Shufqwr#i#iiruw#F rd#6,#@ #Wvdd#p rxqw#Uhtxlung#F rd#7,#

51#i ulqjh#Ehghilw#
Hqwu#q#kh#d#uhqwhv#kh#dssdfded#iulqjh#ehghilw#d#v,1##q#frop q#7/#hqw#kh#d#p rxqw#
ghw#p lqhg#e|#dssd#lgj#kh#d#v#r#kh#wvdd#ri#kh#d@dulh#q#frop q#7#w#z klfk#kh#d#v,#
dssdhv#

61#R swlrq#iru#Vd@u|#G hvd#Vxep l@lrq#
D ssdfqgw#p d|#htxhw#k#d#kh#Vd@u|#d#v#qg#p rxqw#htxhwng#iru#qgly#pdxo#p#v#eh#p dgh#
dylded#r#uhylnz lgj#f#r#xodgw#1##W r#gr#r/#d#q#qglwrqda#f#rs|#ri#k#l#sdjh#p xw#eh#
vxep l@ng/#f#p sdw#q#d#h#vshfw/#h{fhs#k#d#frop qv#1#d#q#7#p d|#eh#h#e#olq#1#

71#I xqfwlrq2Wdvn#G hvfulswlrq#
D wdfk#d#ghvfulswlrq#ri#kh#xqfwlrq#ru#d#v#r#eh#shuirp hg#iru#d#shvrrqgh#d#whg#1#

SDUW#II0SURJUDP #QDUUDWIYH#

Wkh#surjudp #gduudwlyh#l#w#r#eh#f#p sdwng#q#d#ffrugdqf#z lk#kh#vshfld#q#wuxfwlrqv#
surylgng#q#kh#VVD #judgw#dssdfdwlrq#l#1##Wkh#hiruh/#sdwng#l#uhjdug#kh#q#wuxfwlrqv#
surylgng#q#sdjh#v#5/#7#d#q#8#ri#I rup #VVD 0<90EN 1#